



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

4.5NR-4
Job Sheet 179813



Part No: 4.5NR-4

Job Qty: 6 ea

Part Name: Bolt



Part Weight: 0 lbs

Status: Scheduled

Priority: Medium

Job Created: 6/22/18

Job Tracking No:

Due Date: 7/11/18

Created By: Marie Lajeunesse

Type: Stock

Description:

Note: 4.5NR-4 REV.4 IPP REV:A 18.06.21 NEW ISSUE DD VERF:DP

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup hrs	Run Hrs	Workcenter / Supplier	Lead Time	
90	Start up Operation	6 Ea		7/11/18	0.00	0.00	Start Up Waterjet2		de 18/08/03
100	Waterjet	6 pcs		7/11/18	0.08	0.50	Waterjet 2 OMAX		de 18/08/03
110	QC	6 pcs		7/11/18	0.00	0.00	QC2 Waterjet-4		de 18/08/03
140	QC	6 pcs		7/11/18	0.00	0.00	QC8-7		de 18-09-13
150	Outsource	6 pcs		7/11/18	0.00	0.00	Outsource1 Atlantic		SEP 18 2018
180	Outsource	6 pcs		7/11/18	0.00	0.00	Outsource15		SEP 28 2018
190	Packaging	6 pcs		7/11/18	0.00	0.00	Packaging2		SEP 28 2018
200	QC	6 pcs		7/11/18	0.00	0.00	QC6		SEP 28 2018
210	Packaging	6 pcs		7/11/18	0.00	0.00	Packaging3-2		GA
220	QC21-FG	6 Ea		7/11/18	0.00	0.00	QC21		OCT 05 2018

Part Op 100 - 1-Cut as per Dwg (CANAM FOLDER) Dwg Rev: 4 Prog Rev: 4 2-Deburr if necessary

Descriptions: 140 - ***ENGRAVE WITH MARKTRONICS***

Atlantic 150 - 1--Issue P/O to Meteor; P/O _____ HEAT TREAT TO RC 40-44 2-Bead blast 3- Certificate of

Conformity is required ***NOTE*** DROP SHIP TO FINISHER Meteor to ship directly to Groupe Altech

180 - -Issue P/O to Groupe Altech: P/O _____ -Nickel plate, QQ-N-290, Class 2, Grade E or F ****verify plating thickness, grade could change**** NICKEL PLATE TO .0004-.0006 BAKE AFTER PLATE - Certificate of Conformity is required

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
Mt-4140-S-0.750X2.500	4140 Steel Bar 0.750 X 2.250	.0840 ft (.014 ea)	90-Start up Operation	

Job Allocations

Operation	Component Part	Required	Inventory	Allocated
90-Start up Operation	Mt-4140-S-0.750X2.500	0	0	0

Part Specifications

Specifications could not be found.

DQA: _____ Date: _____

WORK ORDER NON-CONFORMANCE / UPDATE



QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____		DISPOSITION		AGAINST DEPARTMENT/PROCESS			
Part No. _____		Rework ☐	Skid-tube ☐	Cross tube ☐	Water Jet ☐	Engineering ☐	
NCR No. _____		Scrap ☐	Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐	
		Use-as-is ☐	Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐	
		Suspected Unapproved ☐	Large Fab ☐	Composite ☐	Supplier ☐		
Date : _____		Step #: _____		QTY Effective : _____		MRB (QSI042) Approval	
Description		Work Order Deviation		Disposition			
Dart Aerospace Ltd. 1270 Aberdeen Street Newbury, ON K6A 1K7 CANADA TEL: 1 813 632-6200 Email: sales@dartaero.com www.dartaerospace.com Container No: S099265 Part: 4.5NR-4 Job No: 179813 Serial No/Batch: S099265 Revision: 4 Inspector: Exp Date: Instructions: Date: 08/03/18						Completed By	
						Lead hand / Supervisor Approval Verification	
						QC / QA Coordinator Approval	
Root Cause							
Environment ☐	No ☐	Crushing ☐		er Loss/Surge ☐		Positioned Wrong ☐	
Design ☐	Of ☐	Heat Treat ☐		/Program ☐		Outside Dimensions ☐	
Doc/Data ☐	Of ☐	Wave/Twist in Tube ☐		1 ☐		Over/Under tolerance ☐	
Equip/Tooling ☐	Su ☐	Marks/Chatter ☐		d ☐		Part Incorrect ☐	
Handling/Pre ☐	Tr ☐	OTHER: ☐		ng Stock Pulled ☐		Part Lost/Missing ☐	
Material ☐	U ☐			of Sequence ☐		Part Moved ☐	
Internal Transport ☐	Poor Information ☐			set ☐		Drawing ☐	
Tribal Knowledge ☐	Rushing ☐			Cut Too Short ☐		Finish ☐	
LOA ☐	Product Improvement ☐			Instructions Incomplete/Unclear ☐		Misread ☐	
Substation ☐	Process Improvement ☐			Drill Holes ☐		Turning Sequence ☐	
Past Expiry Date ☐	Manufacturing Process ☐						
Misidentified ☐	Past Due ☐						

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

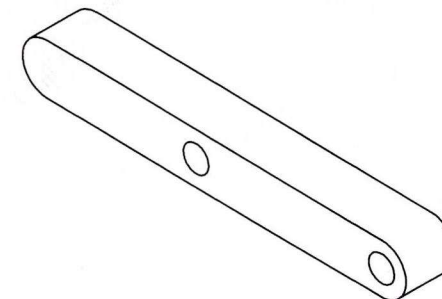
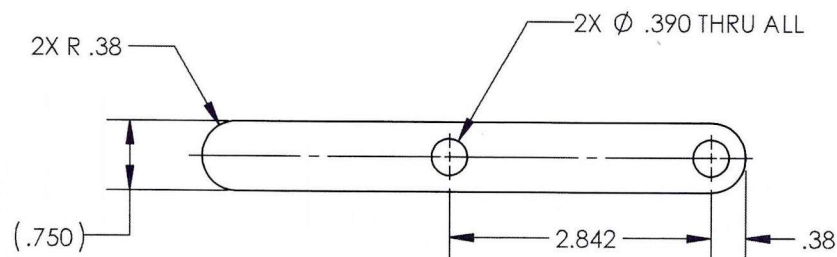
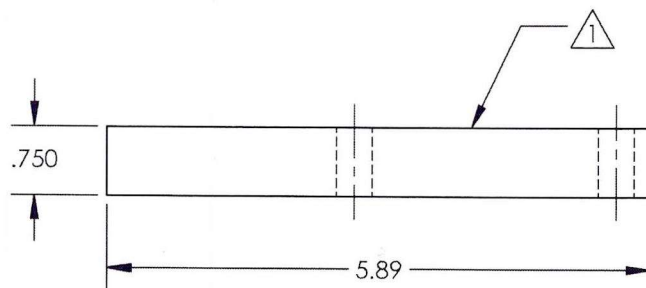
QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
Date :	Step #:	QTY Effective :		MRB (QSI042) Approval	
Description Work Order Deviation		Disposition			
				Completed By	
				Lead hand / Supervisor Approval Verification	
				QC / QA Coordinator Approval	
Root Cause		FAULT CATEGORY			
Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐ No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐	Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐ Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐	Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Mislabeled ☐ Fit/Function ☐ Misaligned/off center ☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐			
OTHER : ☐					

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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
3		AS DRAWN BY APICAL	7/19/2013	JAG	
4	14-0094	CH'D TITLE BLOCK WAS RED BARN IS DART. ADDED MACHINE ENGRAVE NOTE.	7/28/2014	DPD	RW



SHOP COPY
RETURN TO
ENGINEERING
UNCONTROLLED COPY
SUBJECT TO AMENDMENT
WITHOUT NOTICE
WORK ORDER
NO. 179813 MJS
180622

NOTES:

1. MACHINE ENGRAVE BATCH NUMBER.
2. NICKEL PLATE .0004 - .0006, BAKE AFTER PLATING.

DART AEROSPACE	
TITLE SIDE STIFFENER	
DWG NO. 4.5NR-4	REV 4
MAT'L 4140/4142	DRAWN BY: APICAL
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	APPROVED: D Weil
.XXX ± .005 FRACTIONS ± 1/32	HEAT TREAT HRC 40-44
.XX ± .01 ANGLES ± 5°	FINISH SEE NOTE 2
.X ± .1	SPEC
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	USED ON MODEL
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	
SCALE 1:2	DATE 10/20/1997
SHEET 1 OF 1	

ASSY QTY	ASSY QTY	B/O	Part #	UNIT QTY	Description	Material	B/O INFORMATION OR SPECIFICATIONS
			4.5NR-4	1	SIDE STIFFENER	4140/4142	

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
Date :	Step #:	QTY Effective :		MRB (QSI042) Approval	
Description Work Order Deviation		Disposition			
				Completed By	
				Lead hand / Supervisor Approval Verification	
				QC / QA Coordinator Approval	
Root Cause		FAULT CATEGORY			
Environment ☐	No Re-verification ☐	Pressure/Forced ☐	Temperature/Cure ☐	Power Loss/Surge ☐	Positioned Wrong ☐
Design ☐	Operator ☐	Bending ☐	Set-up ☐	Folio/Program ☐	Outside Dimensions ☐
Doc/Data ☐	Offset/Setup ☐	Centre Not Concentric ☐	BOM/Route ☐	Grain ☐	Over/Under tolerance ☐
Equip/Tooling ☐	Supplier ☐	Cracks ☐	Broken/Damage/Defect ☐	Weld ☐	Part Incorrect ☐
Handling/Pre ☐	Training ☐	Crimp/Kink/Ripple/Wave ☐	Inspection Incomplete/Unqualified ☐	Wrong Stock Pulled ☐	Part Lost/Missing ☐
Material ☐	Use for Testing ☐	Cuffs ☐	Contamination ☐	Out of Sequence ☐	Part Moved ☐
Internal Transport ☐	Poor Information ☐	Crushing ☐	Countersink ☐	Off-set ☐	Drawing ☐
Tribal Knowledge ☐	Rushing ☐	Heat Treat ☐	Cut Too Short ☐	Mislabeled ☐	Finish ☐
LOA ☐	Product Improvement ☐	Wave/Twist in Tube ☐	Instructions Incomplete/Unclear ☐	Fit/Function ☐	Misread ☐
Substation ☐	Process Improvement ☐	Marks/Chatter ☐	Drill Holes ☐	Misaligned/off center ☐	Turning Sequence ☐
Past Expiry Date ☐	Manufacturing Process ☐	OTHER :			
Misidentified ☐	Past Due ☐				



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200
Fax 613 632-5246

Process Routings

4.5NR-4 Operations

Bolt

	Op No	Operation	Description	Workcenters	Supplier	Type	Weight (lbs)	BOM	Special Comments	Location	
○	90	Start up Operation		Start Up Waterjet2 (Start Up Waterjet2)		Production	.0000	Mt-4140-S-0.750X2.500			
○	100	Waterjet	1-Cut as per Dwg (CANAM FOLDER) Dwg Rev: _____ Prog Rev: _____ 2-Deburr if necessary	Waterjet 2 OMAX (Waterjet 2)		Production	.0000				
○	110	QC		QC2 Waterjet-4 (QC2- Inspect parts off machine FAI/FAIB)		Production	.0000				
○	120	Mill Conv	Face part to DWG dimension.	Mill Conv 1 (Manufacture as per dwg)		Production	.0000				
○	121	QC		QC2 Machining-5 (QC2- Inspect parts off machine FAI/FAIB)		Production	.0000				
○	122	QC	Engrave T/N and/or P/N number using MARKTRONIC engraver as per DWG.	QC8 Machining-5 (QC8- Inspect parts - second check)		Production	.0000				
○	150	Outsource	1--Issue P/O to Metcore ; P/O _____ HEAT TREAT TO RC 40-44 2-Bead blast 3- Certificate of Conformity is required ***NOTE*** DROP SHIP TO FINISHER Metcore to ship directly to Groupe Altech	Outsource1 (Outsource process - Heat Treat)		Production	.0000				
○	180	Outsource	-Issue P/O to Groupe Altech: P/O _____ -Nickel plate, QQ-N-290, Class 2, Grade E or F ****verify plating thickness, grade could change**** NICKEL PLATE TO .0004-.0006 BAKE AFTER PLATE - Certificate of Conformity is required	Outsource15 (Outside Processing - Nickel Plate)		Production	.0000				
○	190	Packaging		Packaging2 (Receive & Inspect for Damage & Mat'l Certs)		Production	.0000				
○	200	QC		QC6 (QC6- All purchased or subcontracted products)		Production	.0000				
○	210	Packaging		Packaging3-2 (Identify as per dwg & Stock Location: _____)		Production	.0000				
○	220	QC21-FG		QC21 (QC21- Final Inspection - Work Order Release)		Production	.0000				



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER **PO041013**

Supplier: ATL002-VC
Atlantic Heat Treat 2001
401 Frankcom
Ajax
ON
L1S R14 Canada
Phone: 866 257 6395

PO No: PO041013
PO Date: 9/13/18
Due Date: 9/17/18
Purchase Order Revision:
Revision Date:
Ship-To Contact: Tsimiklis, Chrisoula

Ship To: 1270 Aberdeen Street
Hawkesbury
ON
K6A 1K7 Canada
Phone: 613-632-5200

Pymt Terms: Net 30
Freight Terms:
Special Comments:

Items

Line Item	Job	Part	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
1	179813	4.5NR-4	Bolt 1-Issue P/O to Atlantic; P/O HEAT TREAT TO RC 40-44 2-Bead blast 3- Certificate of Conformity is required ***NOTE*** DROP SHIP TO FINISHER Atlantic to ship directly to Groupe Altech	Firmed	-	9/17/18	6 pcs	0 pcs	6 pcs	\$12.50/pcs	\$75.00
2	179812	4.5NR-3	Load Stop Stiffener 1-Issue P/O to Atlantic; P/O HEAT TREAT TO RC 40-44 2-Bead blast 3- Certificate of Conformity is required ***NOTE*** DROP SHIP TO FINISHER Atlantic to ship directly to Groupe Altech	Firmed	-	9/17/18	6 pcs	0 pcs	6 pcs	\$12.50/pcs	\$75.00
Grand Total:											\$150.00



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER PO041013

Order Notes

Procurement Quality Clauses

A005 right of entry
A012 chemical and physical test report
A016 personnel qualification
A017 raw material identification (as applicable)

A022 Apical Processing
A024 process certifications
A026 certification of material conformance

A041 quality management system
A042 dart notification by supplier
A043 retention of quality documents

A048 counterfeit parts avoidance, detection, mitigation and disposition program

A049 supplier awareness

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

Plex 9/17/18 12:45 PM dart.tsimiklis.chrisoula

Atlantic Heat Treating (2001) Ltd

Order No.: 158479

Ship.Date: 14/9/2018

Shipping Ticket

Sold To: 1448
DART AEROSPACE LTD.
1270 ABERDEEN ST

HAWKESBURY ON K6A 1K7

Ship To: 155628
DART AEROSPACE LTD.
1270 ABERDEEN ST

HAWKESBURY ON K6A 1K7

Page 1 of 1

Purchase Order Number	Packing List No	Customer Job No	Route	Carrier
PO041013 ✓				

Quantity	Part No. / Part Name / Part Description	Pounds
	6PCS MATERIAL 4140 ANNEAL AND HEAT TREAT TO 40-44RC ✓ SAND BLAST, C OF C, PRT# 4.5NR-4, JOB# 179813 ✓	

Container Type	# Of Containers	Cust Cont Id	Container Type	# Of Containers	Cust Cont Id
BOX	1				

NOTICE: OUR LIABILITY IS LIMITED TO OUR INVOICE CHARGES ONLY

Shipped Complete

Quantity Shipped: 6

Pounds Shipped: 5.00

Order No.: 158479

Shipped Complete

Quantity Shipped: 6.00

Received By:

Date:

Pounds Shipped: 5.00

Sold To: DART AEROSPACE LTD.

Shipped ON: 09/14/2018

Certification

Date: 09/18/2018

Entry Date: 09/14/2018

Page: 1 of 1

To:DART AEROSPACE LTD.
1270 ABERDEEN ST

Purchase Order No.: PO041013

Packing List No.:

HAWKESBURY ON K6A 1K7

Material: 4140

We are pleased to provide you with the following Certificate of Compliance.

Quantity	Part Number / Part Name / Part Description	Pounds
6	6PCS MATERIAL 4140 ANNEAL AND HEAT TREAT TO 40-44RC SAND BLAST, C OF C, PRT# 4.5NR-4, JOB# 179813	5

Insp. Type	Scale	Minimum	Maximum	Number	Other
------------	-------	---------	---------	--------	-------

Customer Requirements:

Harden rockwell

Results:

Harden ROCKWE

40.

44.

44.

TESTED AS PER SAMPLING PLAN

HEAT TREATED TO 44 RC AS PER CUSTOMER REQUEST

STATEMENT OF LIMITED LIABILITY (PLEASE READ CAREFULLY). ALL WORK IS ACCEPTED SUBJECT TO THE FOLLOWING CONDITIONS: It is recognized that even after employing all the scientific methods known to us, hazards still remain in metal treating. THEREFORE, OUR LIABILITY SHALL NOT EXCEED TWICE THE AMOUNT OF OUR CHARGES FOR THE WORK DONE ON ANY MATERIAL (FIRST TO REIMBURSE FOR THE CHARGES AND SECOND TO COMPENSATE IN THE AMOUNT OF THE CHARGES), EXCEPT BY WRITTEN AGREEMENT SIGNED BY THE METAL TREATER. THE CUSTOMER, BY CONTRACTING FOR METAL TREATMENT, AGREES TO ACCEPT THE LIMITS OF LIABILITY AS EXPRESSED IN THIS STATEMENT TO THE EXCLUSION OF ANY AND ALL PROVISIONS AS TO LIABILITY ON THE CUSTOMER'S OWN INVOICES, PURCHASE ORDERS OR OTHER DOCUMENTS. IF THE CUSTOMER DESIRES HIS OWN PROVISIONS AS TO LIABILITY TO REMAIN IN FORCE AND EFFECT, THIS MUST BE AGREED TO IN WRITING, SIGNED BY AN OFFICER OF THE TREATER. IN SUCH EVENT, A DIFFERENT CHARGE FOR OUR SERVICES REFLECTING THE HIGHER RISK TO TREATER, SHALL BE DETERMINED BY THE TREATER AND CUSTOMER. THE TREATER MAKES NO EXPRESS OR IMPLIED WARRANTIES AND SPECIFICALLY DISCLAIMS ANY IMPLIED WARRANTY OF THE FITNESS FOR A PARTICULAR PURPOSE OR MERCHANTABILITY, AS TO THE PERFORMANCE OF CAPABILITIES OF THE MATERIAL AS HEAT TREATED, OR THE HEAT TREATMENT. THE AFOREMENTIONED LIMITATION OF LIABILITY STATED ABOVE IS SPECIFICALLY IN LIEU OF ANY EXPRESS OR IMPLIED WARRANTY, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS, AND OF ANY OTHER SUCH OBLIGATION ON THE PART OF THE TREATER. No claim for shortage in weight or count will be entertained unless presented within five (5) working days after receipt of materials by customer. No claim will be allowed for shrinkage, expansion, deformity, or rupture of material in treating or straightening, except by prior written agreement, as above, nor in any case for rupture caused by or occurring during subsequent grinding. Whenever we are given material with detailed instructions as to treatment, our responsibility shall end with the carrying out of those instructions. Failure by a customer to indicate plainly and correctly the kind of material (i.e., proper alloy designation) to be treated, shall cause an extra charge to be made to cover any additional expense incurred as a result thereof, but shall not change the limitation of liability stated above. Customer agrees there will be no liability on the treater in contract for any special, indirect or consequential damages arising whatsoever, including but not limited to personal injury, property damage, loss of profits, loss of production, recall or any other losses, expenses or liabilities allegedly occasioned by the work performed on the part of the treater. It shall be the duty of the customer to inspect the merchandise immediately upon its return, and in any event claims must be reported prior to the time that any further processing, assembling or any other work undertaken. OUR LIABILITY TO OUR CUSTOMERS SHALL CEASE ONCE ANY FURTHER PROCESSING, ASSEMBLING OR ANY OTHER WORK HAS BEEN UNDERTAKEN ON SAID MATERIAL. No agent or representative is authorized to alter the above conditions, except by writing duly signed by an officer of treater.


KEAN SHEPHERD
QUALITY CONTROL

ATLANTIC HEAT TREATING 2001 LTD



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER **PO041064**

Supplier: GRO002-VC
Group Altech
2455 Halpern
St Laurent
QC
H4S 1N9 Canada
Phone: 514-335-3666
Fax: 514-335-3868

PO No: PO041064
PO Date: 9/19/18
Due Date: 9/26/18
Purchase Order
Revision:
Revision Date:
Ship-To Contact: Tsimiklis, ChrisoulaPhone:

Ship To: 1270 Aberdeen Street
Hawkesbury
ON
K6A 1K7 Canada
Phone: 613-632-5200

Via: Ground
Pymt Terms: Net 60
Freight Terms:
Special Comments:

Items

Line Item	Job	Part	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
1	179813	4.5NR-4	Bolt -Issue P/O to Groupe Altech: P/O _____ -Nickel plate, QQ-N-290, Class 2, Grade E or F ****verify plating thickness, grade could change**** NICKEL PLATE TO .0004-.0006 BAKE AFTER PLATE - Certificate of Conformity is required	Firmed	-	9/26/18	6 pcs	0 pcs	6 pcs	\$20.00/pcs	\$120.00
						6 X	SEP 28 2018				
2	179812	4.5NR-3	Load Stop Stiffener -Issue P/O to Groupe Altech: P/O _____ -Nickel plate, QQ-N-290, Class 2, Grade E or F ****verify plating thickness, grade could change**** NICKEL PLATE TO .0004-.0006 BAKE AFTER PLATE - Certificate of Conformity is required	Firmed	-	9/26/18	6 pcs	0 pcs	6 pcs	\$20.00/pcs	\$120.00
						6 X	SEP 28 2018				
Grand Total:											\$240.00



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1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
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Tel (613) 632-5200

PURCHASE ORDER PO041064

Order Notes

Procurement Quality Clauses

- A005 right of entry
- A012 chemical and physical test report
- A016 personnel qualification
- A017 raw material identification (as applicable)

- A022 Apical Processing
- A024 process certifications
- A026 certification of material conformance

- A041 quality management system
- A042 dart notification by supplier
- A043 retention of quality documents

- A048 counterfeit parts avoidance, detection, mitigation and disposition program

- A049 supplier awareness

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

Plex 9/20/18 1:39 PM dart.tsimiklis.chrisoula



Certificat de Conformité / Certificate of Compliance

(012813-1)

2455, Rue Halpern | Saint-Laurent | Québec | H4S 1N9
 Tel: 514-335-3666 Fax: 514-335-3868
 www.groupaltech.com

Bon de Livraison / Packing Slip

012813- 1

Livré à / Ship to

DART AEROSPACE LTD

1270 ABERDEEN STREET

HAWKESBURY, ON, K6A1K7

CANADA

Tel.: 613-632-5200 Fax.:

Client / Customer:

DART AEROSPACE LTD

1270 ABERDEEN STREET

HAWKESBURY, ON, K6A1K7

CANADA

BUYER:

Date expédition Ship date		Créé Par Generated By	Transport / No de Compte Courier / Acc. No.	Bon de commande Client Customer Purchase Order No.					
27-Sep-2018		Jessie Boisvert		041064					
#Ligne Line#	No. de Série / # Pièce Part Number /Line Item Details Job # / Ref #	Description pièce(s)	CATG. U/M	Comm. /Ordered	Exp/ Shipped	Quantités / Quantities Qté NC/ NC Qty		Qté Scrap/	À venir/ Back Order
1	4.5NR-4 Rev.	4.5NR-4 01 -E-NIC STEEL 200 [E-NICKEL STEEL 200] QQ-N-290 CLASS 2 GRADE E OR F 0.0004-0.0006 THICK BAKE AFTER xray report	E-NICKEL STEEL CH	6	6	0	0	0	0
2	4.5NR-3 Rev.	4.5NR-3 01 -E-NIC STEEL 200 [E-NICKEL STEEL 200] QQ-N-290 CLASS 2 GRADE E OR F 0.0004-0.0006 THICK BAKE AFTER X-REPORT	E-NICKEL STEEL CH	6	6	0	0	0	0

Notes Additionnelles / Additional Notes

Epaisseur réelle
Actual Thickness

Inspecteur Qualité
Quality Inspector

Réçu par
Received By

Nous certifions que les pièces énumérées ci-dessus ont été traitées en conformité avec votre commande et vos spécifications et rencontrent les exigences.
 Notre responsabilité financière et légale ne sera pas supérieure au montant de la facture issue.

We hereby certify that the parts listed above have been process in accordance with your purchase order and specifications and are in conformance with your requirements.
 Our financial and legal responsibility will not be higher than the amount of invoice.